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**********  Welcome to STN International  **********

 NEWS 1       Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2       "Ask CAS" for self-help around the clock
 NEWS 3  SEP 09  CA/CAplus records now contain indexing from 1907 to the
         present
 NEWS 4  AUG 05  New pricing for EUROPATFULL and PCTFULL effective
         August 1, 2003
 NEWS 5  AUG 13  Field Availability (/FA) field enhanced in BEILSTEIN
 NEWS 6  AUG 18  Data available for download as a PDF in RDISCLOSURE
 NEWS 7  AUG 18  Simultaneous left and right truncation added to PASCAL
 NEWS 8  AUG 18  FROSTI and KOSMET enhanced with Simultaneous Left
and Righ
         Truncation
 NEWS 9  AUG 18  Simultaneous left and right truncation added to ANABSTR
 NEWS 10  SEP 22  DIPPR file reloaded
 NEWS 11  DEC 08  INPADOC: Legal Status data reloaded
 NEWS 12  SEP 29  DISSABS now available on STN
 NEWS 13  OCT 10  PCTFULL: Two new display fields added
 NEWS 14  OCT 21  BIOSIS file reloaded and enhanced
 NEWS 15  OCT 28  BIOSIS file segment of TOXCENTER reloaded and
enhanced
 NEWS 16  NOV 24  MSDS-CCOHS file reloaded
 NEWS 17  DEC 08  CABA reloaded with left truncation
 NEWS 18  DEC 08  IMS file names changed
 NEWS 19  DEC 09  Experimental property data collected by CAS now available
         in REGISTRY
 NEWS 20  DEC 09  STN Entry Date available for display in REGISTRY and
CA/CAplus
 NEWS 21  DEC 17  DGENE: Two new display fields added
 NEWS 22  DEC 18  BIOTECHNO no longer updated
 NEWS 23  DEC 19  CROPU no longer updated; subscriber discount no longer
         available
 NEWS 24  DEC 22  Additional INPI reactions and pre-1907 documents added to
CAS
         databases
 NEWS 25  DEC 22  IFIPAT/IFIUDB/IFICDB reloaded with new data and search
fields
 NEWS 26  DEC 22  ABI-INFORM now available on STN

 NEWS EXPRESS  NOVEMBER 14 CURRENT WINDOWS VERSION IS
V6.01c, CURRENT
         MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
         AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
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 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
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 **********STN Columbus **********

FILE 'HOME' ENTERED AT 11:40:37 ON 26 DEC 2003

=> fil medline caplus
COST IN U.S. DOLLARS                 SINCE FILE     TOTAL
                                     ENTRY  SESSION
FULL ESTIMATED COST                    0.63     0.63

FILE 'MEDLINE' ENTERED AT 11:42:09 ON 26 DEC 2003

FILE 'CAPLUS' ENTERED AT 11:42:09 ON 26 DEC 2003
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=> s  Eilers/au or Littlewood?/au or Lyon?/au or Watson/au or Preston?/au or
Fialka?/au or Hollenberg?/au
L1      27169 EILERS/AU OR LITTLEWOOD?/AU OR LYON?/AU OR
WATSON/AU OR PRESTON?
          /AU OR FIALKA?/AU OR HOLLENBERG?/AU

=> s l1 and myc
L2        86 L1 AND MYC

=> s l2 and estrogen
L3         6 L2 AND ESTROGEN

=> dup rem l3
PROCESSING COMPLETED FOR L3
L4         4 DUP REM L3 (2 DUPLICATES REMOVED)

=> d 1-4 au tis o
'TIS' IS NOT A VALID FORMAT FOR FILE 'MEDLINE'
'O' IS NOT A VALID FORMAT FOR FILE 'MEDLINE'

The following are valid formats:

The default display format is BIB.

ABS ---- AB
ALL ---- AN, DN, TI, CM, AU, CS, NC, SO, CY, DT, LA, FS, OS, EM,
      ED, AB, ST, CT, NA, RN, CN, GEN
BIB ---- AN, DN, TI, CM, AU, CS, NC, SO, CY, DT, LA, FS, OS, EM, ED
CBIB --- AN, DN, TI, CM, AU, CS, NC, SO, CY, DT, LA, FS, OS, EM, ED
DALL --- ALL, delimited for post processing
IABS --- ABS, with a text label
IALL --- ALL, indented with text labels
IBIB --- BIB, indented with text labels
IND ---- ST, CT, NA, RN, CN, GEN
SAM ---- TI, CM, ST, CT, NA, RN, CN, GEN
TRI ---- TI, CM, ST, CT, NA, RN, CN, GEN
TRIAL -- TI, CM, ST, CT, NA, RN, CN, GEN
HIT ---- All fields containing hit terms
HITIND - IND
KWIC --- All hit terms plus 20 words on either side
OCC ---- List of display fields containing hit terms

Hit terms will be highlighted in all available fields except CM and
PY.

To display a particular field or fields,  enter the display field
codes.  For a list of display field codes, enter 'HELP DFIELDS'
at an arrow prompt (=>).  Examples of formats include: 'BIB';
'AB'; 'SO,ST'.  You may specify the format fields in any order,
and the information will be displayed in the same order as the
format specification.

The same formats (except for HIT, HITIND, KWIC, and OCC) may be
used with the DISPLAY ACC command to display the record for a
specified Accession Number.
ENTER DISPLAY FORMAT (BIB):au ti so

L4  ANSWER 1 OF 4    MEDLINE on STN
AU  Pelengaris S; Littlewood T; Khan M; Elia G; Evan G
TI  Reversible activation of c-Myc in skin: induction of a complex
    neoplastic phenotype by a single oncogenic lesion.
SO  MOLECULAR CELL, (1999 May) 3 (5) 565-77.
    Journal code: 9802571. ISSN: 1097-2765.

L4  ANSWER 2 OF 4    MEDLINE on STN                DUPLICATE 1
AU  Mai S; Hanley-Hyde J; Rainey G J; Kuschak T I; Paul J T; Littlewood T
    D; Mischak H; Stevens L M; Henderson D W; Mushinski J F
TI  Chromosomal and extrachromosomal instability of the cyclin D2 gene is
    induced by Myc overexpression.
SO  NEOPLASIA, (1999 Aug) 1 (3) 241-52.
    Journal code: 100886622. ISSN: 1522-8002.

L4  ANSWER 3 OF 4    MEDLINE on STN                DUPLICATE 2
AU  Littlewood T D; Hancock D C; Danielian P S; Parker M G; Evan G I
TI  A modified oestrogen receptor ligand-binding domain as an improved switch
    for the regulation of heterologous proteins.
SO  NUCLEIC ACIDS RESEARCH, (1995 May 25) 23 (10) 1686-90.
    Journal code: 0411011. ISSN: 0305-1048.

L4  ANSWER 4 OF 4    MEDLINE on STN
AU  Evan G I; Wyllie A H; Gilbert C S; Littlewood T D; Land H;
    Brooks M; Waters C M; Penn L Z; Hancock D C
TI  Induction of apoptosis in fibroblasts by c-myc protein.
SO  CELL, (1992 Apr 3) 69 (1) 119-28.
    Journal code: 0413066. ISSN: 0092-8674.


=> d 1, 2 ab

L4  ANSWER 1 OF 4    MEDLINE on STN
AB  The protooncogene c-myc regulates cell growth, differentiation,
    and apoptosis, and its aberrant expression is frequently observed in human
    cancer.  However, the consequences of activating c-Myc in an
    adult tissue, in which these cellular processes are part of normal
    homeostasis, remain unknown.  In order to achieve this, we have targeted
    expression of a switchable form of the c-Myc protein to the skin
    epidermis, a well characterized homeostatic tissue.  We show that
    activation of c-MycER in adult suprabasal epidermis rapidly triggers
    proliferation and disrupts differentiation of postmitotic keratinocytes.
    Sustained activation of c-Myc is sufficient to induce
    papillomatosis together with angiogenesis--changes that resemble
    hyperplastic actinic keratosis, a commonly observed human precancerous
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epithelial lesion. All these premalignant changes spontaneously regress upon deactivation of c-MycER.

L4 ANSWER 2 OF 4 MEDLINE on STN DUPLICATE 1
AB We examined the expression of cyclins D1, D2, D3, and E in mouse B-lymphocytic tumors. Cyclin D2 mRNA was consistently elevated in plasmacytomas, which characteristically contain Myc-activating chromosome translocations and constitutive c-Myc mRNA and protein expression. We examined the nature of cyclin D2 overexpression in plasmacytomas and other tumors. Human and mouse tumor cell lines that exhibited c-Myc dysregulation displayed instability of the cyclin D2 gene, detected by Southern blot, fluorescent in situ hybridization (FISH), and in extrachromosomal preparations (Hirt extracts). Cyclin D2 instability was not seen in cells with low levels of c-Myc protein. To unequivocally demonstrate a role of c-Myc in the instability of the cyclin D2 gene, a Myc-estrogen receptor chimera was activated in two mouse cell lines. After 3 to 4 days of Myc-ER activation, instability at the cyclin D2 locus was seen in the form of extrachromosomal elements, determined by FISH of metaphase and interphase nuclei and of purified extrachromosomal elements. At the same time points, Northern and Western blot analyses detected increased cyclin D2 mRNA and protein levels. These data suggest that Myc-induced genomic instability may contribute to neoplasia by increasing the levels of a cell cycle-regulating protein, cyclin D2, via intrachromosomal amplification of its gene or generation of extrachromosomal copies.

=> d 3 ab

L4 ANSWER 3 OF 4 MEDLINE on STN DUPLICATE 2
AB A number of proteins have been rendered functionally oestrogen-dependent by fusion with the hormone-binding domain of the oestrogen receptor. There are, however, several significant disadvantages with such fusion proteins. First, their use in cells in vitro requires phenol red-free medium and laborious stripping of steroid hormones from serum in order to avoid constitutive activation. Secondly, control of oestrogen receptor fusion proteins in vivo is precluded by high endogenous levels of circulating oestrogens. Thirdly, the hormone-binding domain of the oestrogen receptor functions as a hormone-dependent transcriptional activation domain making interpretation of fusions with transcription factors problematical. In order to overcome these drawbacks we have used a transcriptionally inactive mutant of the murine oestrogen receptor which is unable to bind oestrogen yet retains normal affinity for the synthetic ligand, 4-hydroxytamoxifen. When the hormone-binding domain of this mutant oestrogen receptor is fused to the C-terminus of the c-Myc protein, Myc-induced proliferation and apoptosis in fibroblasts becomes dependent on 4-hydroxytamoxifen, but remains refractory to 17 beta-oestradiol.

=> d 3 au ti so ab

L4 ANSWER 3 OF 4 MEDLINE on STN DUPLICATE 2
AU Littlewood T D; Hancock D C; Danielian P S; Parker M G; Evan G I
TI A modified oestrogen receptor ligand-binding domain as an improved switch for the regulation of heterologous proteins.
SO NUCLEIC ACIDS RESEARCH, (1995 May 25) 23 (10) 1686-90.
Journal code: 0411011. ISSN: 0305-1048.
AB A number of proteins have been rendered functionally oestrogen-dependent by fusion with the hormone-binding domain of the oestrogen receptor. There are, however, several significant disadvantages with such fusion proteins. First, their use in cells in vitro requires phenol red-free medium and laborious stripping of steroid hormones from serum in order to avoid constitutive activation. Secondly, control of oestrogen receptor fusion proteins in vivo is precluded by high endogenous levels of circulating oestrogens. Thirdly, the hormone-binding domain of the oestrogen receptor functions as a hormone-dependent transcriptional activation domain making interpretation of fusions with transcription factors problematical. In order to overcome these drawbacks we have used a transcriptionally inactive mutant of the murine oestrogen receptor which is unable to bind oestrogen yet retains normal affinity for the synthetic ligand, 4-hydroxytamoxifen. When the hormone-binding domain of this mutant oestrogen receptor is fused to the C-terminus of the c-Myc protein, Myc-induced proliferation and apoptosis in fibroblasts becomes dependent on 4-hydroxytamoxifen, but remains refractory to 17 beta-oestradiol.

=> d his

(FILE 'HOME' ENTERED AT 11:40:37 ON 26 DEC 2003)

FILE 'MEDLINE, CAPLUS' ENTERED AT 11:42:09 ON 26 DEC 2003
L1 27169 S EILERS/AU OR LITTLEWOOD?/AU OR LYON?/AU OR WATSON/AU OR PRES
L2 86 S L1 AND MYC
L3 6 S L2 AND ESTROGEN
L4 4 DUP REM L3 (2 DUPLICATES REMOVED)

=> s Eilers?/au or Littlewood?/au or Lyon?/au or Watson?/au or Preston?/au or Fialka?/au or Hollenberg?/au

L5 63226 EILERS?/AU OR LITTLEWOOD?/AU OR LYON?/AU OR WATSON?/AU OR PRESTO
N?/AU OR FIALKA?/AU OR HOLLENBERG?/AU

=> s l5 and (myc or c-myc)
L6 287 L5 AND (MYC OR C-MYC)

=> s l5 and c-MycER
L7 4 L5 AND C-MYCER

=> s l6 and estrogen
L8 31 L6 AND ESTROGEN

=> dup rem l6
PROCESSING COMPLETED FOR L6
L9 165 DUP REM L6 (122 DUPLICATES REMOVED)

=> dup rem l8

PROCESSING COMPLETED FOR L8
L10 19 DUP REM L8 (12 DUPLICATES REMOVED)

=> d 1-10 ti so

L10 ANSWER 1 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
TI Estrogen and c-myc protooncogene actions in human breast cancer
SO Hormonal Carcinogenesis III, Proceedings of the International Symposium, 3rd, Seattle, WA, United States, Sept. 6-12, 1998 (2001), Meeting Date 1998, 231-237. Editor(s): Li, Jonathan J.; Li, Sara Antonia; Daling, Janet R. Publisher: Springer-Verlag New York, Secaucus, N. J. CODEN: 69AURC

L10 ANSWER 2 OF 19 MEDLINE on STN DUPLICATE 1
TI c-Myc antagonizes the effect of p53 on apoptosis and p21WAF1 transactivation in K562 leukemia cells.
SO ONCOGENE, (2000 Apr 27) 19 (18) 2194-204.
Journal code: 8711562. ISSN: 0950-9232.

L10 ANSWER 3 OF 19 MEDLINE on STN DUPLICATE 2
TI Regulation of the resident chromosomal copy of c-myc by c-Myb is involved in myeloid leukemogenesis.
SO MOLECULAR AND CELLULAR BIOLOGY, (2000 Mar) 20 (6) 1970-81.
Journal code: 8109087. ISSN: 0270-7306.

L10 ANSWER 4 OF 19 MEDLINE on STN
TI Reversible activation of c-Myc in skin: induction of a complex neoplastic phenotype by a single oncogenic lesion.
SO MOLECULAR CELL, (1999 May) 3 (5) 565-77.
Journal code: 9802571. ISSN: 1097-2765.

L10 ANSWER 5 OF 19 MEDLINE on STN DUPLICATE 3
TI Chromosomal and extrachromosomal instability of the cyclin D2 gene is induced by Myc overexpression.
SO NEOPLASIA, (1999 Aug) 1 (3) 241-52.
Journal code: 100886622. ISSN: 1522-8002.

L10 ANSWER 6 OF 19 MEDLINE on STN DUPLICATE 4
TI Expression of cyclin D1 mRNA is not upregulated by Myc in rat fibroblasts.
SO ONCOGENE, (1995 Nov 2) 11 (9) 1893-7.
Journal code: 8711562. ISSN: 0950-9232.

L10 ANSWER 7 OF 19 MEDLINE on STN DUPLICATE 5
TI A modified oestrogen receptor ligand-binding domain as an improved switch for the regulation of heterologous proteins.
SO NUCLEIC ACIDS RESEARCH, (1995 May 25) 23 (10) 1686-90.
Journal code: 0411011. ISSN: 0305-1048.

L10 ANSWER 8 OF 19 MEDLINE on STN DUPLICATE 6
TI c-Myc induces cellular susceptibility to the cytotoxic action of TNF-alpha.
SO EMBO JOURNAL, (1994 Nov 15) 13 (22) 5442-50.
Journal code: 8208664. ISSN: 0261-4189.

L10 ANSWER 9 OF 19 MEDLINE on STN DUPLICATE 7
TI An E-box element localized in the first intron mediates regulation of the prothymosin alpha gene by c-myc.
SO MOLECULAR AND CELLULAR BIOLOGY, (1994 Jun) 14 (6) 3853-62.
Journal code: 8109087. ISSN: 0270-7306.

L10 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
TI Estrogen, c-myc, and breast cancer
SO Protooncogenes Growth Factors Steroid Horm. Induced Growth Differ. (1994),
175-91. Editor(s): Khan, Sohaib A.; Stancel, George M. Publisher: CRC, Boca Raton, Fla.
CODEN: 60PSA3

=> d 11-19 ti so

L10 ANSWER 11 OF 19 MEDLINE on STN

TI Differential modulation of cyclin gene expression by MYC.
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1993 Apr 15) 90 (8) 3685-9.
Journal code: 7505876. ISSN: 0027-8424.

L10 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
TI Estrogen regulation of c-myc oncogene expression
SO International Congress, Symposium and Seminar Series (1993), Volume Date
1992, 3(PROGRESS IN ENDOCRINOLOGY), 719-21
CODEN: ICGSEM; ISSN: 0969-2622

L10 ANSWER 13 OF 19 MEDLINE on STN DUPLICATE 8
TI c-myc oncogene expression in estrogen -dependent and -independent breast cancer.
SO CLINICAL CHEMISTRY, (1993 Feb) 39 (2) 353-5. Ref: 18
Journal code: 9421549. ISSN: 0009-9147.

L10 ANSWER 14 OF 19 MEDLINE on STN DUPLICATE 9
TI Activation of an inducible c-FosER fusion protein causes loss of epithelial polarity and triggers epithelial-fibroblastoid cell conversion.
SO CELL, (1992 Dec 24) 71 (7) 1103-16.
Journal code: 0413066. ISSN: 0092-8674.

L10 ANSWER 15 OF 19 MEDLINE on STN
TI Induction of apoptosis in fibroblasts by c-myc protein.
SO CELL, (1992 Apr 3) 69 (1) 119-28.
Journal code: 0413066. ISSN: 0092-8674.

L10 ANSWER 16 OF 19 MEDLINE on STN DUPLICATE 10
TI Inhibition of c-myc expression by phosphorothioate antisense oligonucleotide identifies a critical role for c-myc in the growth of human breast cancer.
SO CANCER RESEARCH, (1991 Aug 1) 51 (15) 3996-4000.
Journal code: 2984705R. ISSN: 0008-5472.

L10 ANSWER 17 OF 19 MEDLINE on STN DUPLICATE 11
TI The MYC protein activates transcription of the alpha-prothymosin gene.
SO EMBO JOURNAL, (1991 Jan) 10 (1) 133-41.
Journal code: 8208664. ISSN: 0261-4189.

L10 ANSWER 18 OF 19 MEDLINE on STN DUPLICATE 12
TI Chimaeras of myc oncoprotein and steroid receptors cause hormone-dependent transformation of cells.
SO NATURE, (1989 Jul 6) 340 (6228) 66-8.
Journal code: 0410462. ISSN: 0028-0836.

L10 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
TI Characterization of VP-16-induced DNA cleavage in estrogen -stimulated human breast cancer cells
SO British Journal of Cancer (1988), 57(5), 445-50
CODEN: BJCAAI; ISSN: 0007-0920

=> d 14 ab

L10 ANSWER 14 OF 19 MEDLINE on STN DUPLICATE 9
AB As a novel approach to studying the modulation of the polarized epithelial phenotype, we have expressed c-Fos and c-Myc estrogen receptor fusion proteins (c-FosER and c-MycER) in mammary epithelial cells. The hybrid proteins could be activated by estrogen for defined time periods and after the cells had achieved their fully polarized organization. Activation of c-MycER deregulated proliferation but did not affect epithelial polarity. Short-term activation of c-FosER induced the reversible loss of morphological and functional cell polarity. In contrast, long-term stimulation of c-FosER caused the cells to depolarize irreversibly, to invade collagen gels, and to undergo epithelial-fibroblastoid cell conversion. Our data suggest that Fos proteins are important in modulating the epithelial phenotype both in normal tissue development and in invasive processes.

=> s (c-MycER or C-FosEr or c-mybER or c-JunEr)
L11 45 (C-MYCER OR C-FOSER OR C-MYBER OR C-JUNER)

=> dup rem l1
PROCESSING IS APPROXIMATELY 4% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 9% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 14% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 19% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 24% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 29% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 34% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 39% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 49% COMPLETE FOR L1
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PROCESSING IS APPROXIMATELY 58% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 61% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 64% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 69% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 73% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 77% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 79% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 83% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 87% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 91% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 95% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 99% COMPLETE FOR L1
PROCESSING COMPLETED FOR L1
L12 22704 DUP REM L1 (4465 DUPLICATES REMOVED)

=> dup rem l11
PROCESSING COMPLETED FOR L11
L13 24 DUP REM L11 (21 DUPLICATES REMOVED)

=> d 1-10 ti so

L13 ANSWER 1 OF 24 MEDLINE on STN DUPLICATE 1
TI c-myc induces autophagy in rat 3Y1 fibroblast cells.
SO Cell structure and function, (2003 Jun) 28 (3) 195-204.
Journal code: 7608465. ISSN: 0386-7196.

L13 ANSWER 2 OF 24 MEDLINE on STN DUPLICATE 2
TI c-Myc sensitizes cells to tumor necrosis factor-mediated apoptosis by inhibiting nuclear factor kappa B transactivation.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Sep 27) 277 (39) 36671-7.
Journal code: 2985121R. ISSN: 0021-9258.

L13 ANSWER 3 OF 24 MEDLINE on STN DUPLICATE 3
TI A novel myc target gene, mina53, that is involved in cell proliferation.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Sep 20) 277 (38) 35450-9.
Journal code: 2985121R. ISSN: 0021-9258.

L13 ANSWER 4 OF 24 MEDLINE on STN DUPLICATE 4
TI TIS7 interacts with the mammalian SIN3 histone deacetylase complex in epithelial cells.
SO EMBO JOURNAL, (2002 Sep 2) 21 (17) 4621-31.
Journal code: 8208664. ISSN: 0261-4189.

L13 ANSWER 5 OF 24 MEDLINE on STN DUPLICATE 5
TI Role of c-Jun concentration in neuronal cell death.
SO JOURNAL OF NEUROSCIENCE RESEARCH, (2002 Dec 1) 70 (5) 655-64.
Journal code: 7600111. ISSN: 0360-4012.

L13 ANSWER 6 OF 24 MEDLINE on STN DUPLICATE 6
TI Wnt signaling promotes oncogenic transformation by inhibiting c-Myc-induced apoptosis.
SO JOURNAL OF CELL BIOLOGY, (2002 Apr 29) 157 (3) 429-40.
Journal code: 0375356. ISSN: 0021-9525.

L13 ANSWER 7 OF 24 MEDLINE on STN DUPLICATE 7
TI Molecular mechanisms of neuronal cell death: implications for nuclear factors responding to cAMP and phorbol esters.
SO MOLECULAR AND CELLULAR NEUROSCIENCES, (2002 Sep) 21 (1) 1-14.
Journal code: 9100095. ISSN: 1044-7431.

L13 ANSWER 8 OF 24 MEDLINE on STN DUPLICATE 8
TI c-Myc activation in transgenic mouse epidermis results in mobilization of stem cells and differentiation of their progeny.
SO CURRENT BIOLOGY, (2001 Apr 17) 11 (8) 558-68.
Journal code: 9107782. ISSN: 0960-9822.

L13 ANSWER 9 OF 24 MEDLINE on STN DUPLICATE 9
TI c-Myc inhibits CD11a and CD11c leukocyte integrin promoters.
SO EUROPEAN JOURNAL OF IMMUNOLOGY, (2000 Sep) 30 (9) 2465-71.
Journal code: 1273201. ISSN: 0014-2980.

L13 ANSWER 10 OF 24 MEDLINE on STN DUPLICATE 10
TI Reversible activation of c-Myc in thymocytes enhances positive selection and induces proliferation and apoptosis in vitro.
SO ONCOGENE, (2000 Apr 6) 19 (15) 1891-900.
Journal code: 8711562. ISSN: 0950-9232.

=> d 11-19 ti so

L13 ANSWER 11 OF 24 MEDLINE on STN
TI Sensitivity to myc-induced apoptosis is retained in spontaneous and transplanted lymphomas of CD2-mycER mice.
SO ONCOGENE, (2000 Feb 10) 19 (6) 773-82.
Journal code: 8711562. ISSN: 0950-9232.

L13 ANSWER 12 OF 24 MEDLINE on STN DUPLICATE 11
TI A c-fos/Estrogen receptor fusion protein promotes cell cycle progression and proliferation of human cancer cell lines.
SO MOLECULAR CELL BIOLOGY RESEARCH COMMUNICATIONS, (2000 Apr) 3 (4) 243-8.
Journal code: 100889076. ISSN: 1522-4724.

L13 ANSWER 13 OF 24 MEDLINE on STN DUPLICATE 12
TI Reversible activation of c-Myc in skin: induction of a complex neoplastic phenotype by a single oncogenic lesion.
SO MOLECULAR CELL, (1999 May) 3 (5) 565-77.
Journal code: 9802571. ISSN: 1097-2765.

L13 ANSWER 14 OF 24 MEDLINE on STN
TI Transcriptional inhibition of matrix metalloproteinase 9 (MMP-9) activity by a c-fos/estrogen receptor fusion protein is mediated by the proximal AP-1 site of the MMP-9 promoter and correlates with reduced tumor cell invasion.
SO NEOPLASIA, (1999 Oct) 1 (4) 368-72.
Journal code: 100886622. ISSN: 1522-8002.

L13 ANSWER 15 OF 24 MEDLINE on STN DUPLICATE 13
TI Loss of epithelial polarity is accompanied by differential association of proteins with intracellular membranes.
SO ELECTROPHORESIS, (1999 Feb) 20 (2) 331-43.
Journal code: 8204476. ISSN: 0173-0835.

L13 ANSWER 16 OF 24 MEDLINE on STN
TI Deregulated c-myc expression in quiescent CHO cells induces target gene transcription and subsequent apoptotic phenotype.
SO CELL RESEARCH, (1999 Dec) 9 (4) 305-14.
Journal code: 9425763. ISSN: 1001-0602.

L13 ANSWER 17 OF 24 MEDLINE on STN DUPLICATE 14
TI Inhibitory effect of munetone, an isoflavonoid, on 12-O-tetradecanoylphorbol 13-acetate-induced ornithine decarboxylase activity.
SO CANCER LETTERS, (1999 Feb 8) 136 (1) 59-65.
Journal code: 7600053. ISSN: 0304-3835.

L13 ANSWER 18 OF 24 MEDLINE on STN DUPLICATE 15
TI Direct evidence that apoptosis enhances tumor responses to fractionated radiotherapy.
SO CANCER RESEARCH, (1998 May 1) 58 (9) 1779-84.
Journal code: 2984705R. ISSN: 0008-5472.

L13 ANSWER 19 OF 24 MEDLINE on STN DUPLICATE 16
TI p53 mediates apoptosis induced by c-Myc activation in hypoxic or gamma irradiated fibroblasts.
SO CELL DEATH AND DIFFERENTIATION, (1998 Feb) 5 (2) 141-7.
Journal code: 9437445. ISSN: 1350-9047.

=> d 17 ab

L13 ANSWER 17 OF 24 MEDLINE on STN DUPLICATE 14
AB Starting with an extract derived from the bark of Mundulea sericea Willd. (Leguminosae) that was active in the process of inhibiting 12-O-tetradecanoylphorbol 13-acetate (TPA)-induced ornithine decarboxylase activity (ODC) in cultured mouse epidermal ME 308 cells, the isoflavonoid munetone was isolated and identified as an active principle (IC50 = 46 ng/ml). Topical application of munetone (0.04-5 micromol) to the skin of CD-1 mice 2 h prior to treatment with TPA (10 nmol) resulted in dose-dependent inhibition of epidermal ODC activity. In addition, munetone inhibited TPA-independent c-Myc-induced ODC activity with cultured BALB/c c-MycER cells, as well as 7,12-dimethylbenz[a]anthracene (DMBA)-induced preneoplastic lesion formation in a mouse mammary gland organ culture (MMOC) system. These data suggest the potential of munetone to serve as a cancer chemopreventive agent by virtue of blocking the process of tumor promotion.

=> d 20-24 ti so

L13 ANSWER 20 OF 24 MEDLINE on STN DUPLICATE 17
TI Regulation of ornithine decarboxylase induction by deguelin, a natural product cancer chemopreventive agent.
SO CANCER RESEARCH, (1997 Aug 15) 57 (16) 3429-35.
Journal code: 2984705R. ISSN: 0008-5472.

L13 ANSWER 21 OF 24 MEDLINE on STN DUPLICATE 18
TI Identification of domains of the insulin-like growth factor I receptor that are required for protection from apoptosis.
SO MOLECULAR AND CELLULAR BIOLOGY, (1997 Jan) 17 (1) 427-35.
Journal code: 8109087. ISSN: 0270-7306.

L13 ANSWER 22 OF 24 MEDLINE on STN DUPLICATE 19
TI The estrogen-dependent c-JunER protein causes a reversible loss of mammary epithelial cell polarity involving a destabilization of adherens junctions.
SO JOURNAL OF CELL BIOLOGY, (1996 Mar) 132 (6) 1115-32.
Journal code: 0375356. ISSN: 0021-9525.

L13 ANSWER 23 OF 24 MEDLINE on STN DUPLICATE 20
TI Induction of apoptosis by c-Fos protein.
SO MOLECULAR AND CELLULAR BIOLOGY, (1996 Jan) 16 (1) 211-8.
Journal code: 8109087. ISSN: 0270-7306.

L13 ANSWER 24 OF 24 MEDLINE on STN DUPLICATE 21
TI Activation of an inducible c-FosER fusion protein causes loss of epithelial polarity and triggers epithelial-fibroblastoid cell conversion.
SO CELL, (1992 Dec 24) 71 (7) 1103-16.
Journal code: 0413066. ISSN: 0092-8674.

=> d 20 ab

L13 ANSWER 20 OF 24 MEDLINE on STN DUPLICATE 17
AB Deguelin, a plant-derived rotenoid, mediates potent chemopreventive responses through transcriptional regulation of phorbol ester-induced ornithine decarboxylase (ODC) activity. To explore the mechanism of this effect, the activity of this compound was evaluated with a number of model systems. Using cultured mouse epidermal 308 cells, the steady-state levels of both 12-O-tetradecanoylphorbol-13-acetate (TPA)-induced ODC mRNA and c-fos were decreased by treatment with deguelin. ODC activity was also inhibited by bullatacin and various antimitotic agents (podophyllotoxin, vinblastine, and colchicine), but only deguelin and bullatacin were active as inhibitors of ODC levels in a TPA-independent c-Myc-mediated induction system using cultured BALB/c c-MycER cells. These results suggest that antimicrotubule effects, as mediated by rotenone, for example, are not responsible for inhibitory activity facilitated by deguelin. This was confirmed by use of an in vitro model of tubulin polymerization in which deguelin and a variety of other rotenoids were investigated and found to be inactive. As anticipated, however, NADH dehydrogenase was inhibited by these rotenoids. Moreover, inhibition of this enzyme correlated with a rapid depletion of ATP levels and potential to inhibit either TPA- or c-Myc-induced ODC activity. It therefore seems that deguelin-mediated interference with transient requirements for elevated energy can inhibit the induction of ODC activity and thereby yield a cancer chemopreventive response.

=> d 17, 20 au ti so

L13 ANSWER 17 OF 24 MEDLINE on STN DUPLICATE 14
AU Lee S K; Luyengi L; Gerhauser C; Mar W; Lee K; Mehta R G; Kinghorn A D;
Pezzuto J M
TI Inhibitory effect of munetone, an isoflavonoid, on 12-O-tetradecanoylphorbol 13-acetate-induced ornithine decarboxylase activity.
SO CANCER LETTERS, (1999 Feb 8) 136 (1) 59-65.
Journal code: 7600053. ISSN: 0304-3835.

L13 ANSWER 20 OF 24 MEDLINE on STN DUPLICATE 17
AU Gerhauser C; Lee S K; Kosmeder J W; Moriarty R M; Hamel E; Mehta R G; Moon
R C; Pezzuto J M
TI Regulation of ornithine decarboxylase induction by deguelin, a natural product cancer chemopreventive agent.
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Journal code: 7600053. ISSN: 0304-3835.

L13 ANSWER 24 OF 24 MEDLINE on STN DUPLICATE 21
AU Reichmann E; Schwarz H; Deiner E M; Leitner I; Eilers M; Berger J; Busslinger M; Beug H
TI Activation of an inducible c-FosER fusion protein causes loss of epithelial polarity and triggers epithelial-fibroblastoid cell conversion.
SO CELL, (1992 Dec 24) 71 (7) 1103-16.
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L13 ANSWER 20 OF 24 MEDLINE on STN DUPLICATE 17
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